

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011720\
 Data File : VV014340.D
 Acq On : 17 Jan 2020 16:00
 Operator : SY/MD
 Sample : L1169-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF771

Quant Time: Jan 18 00:10:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 17 22:51:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	819313	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	761546	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	349534	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	243998	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.59	69	202382	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.13	63	285331	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	3.93	46	686210	49.83	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.66%
24) Chloroform-d	4.40	84	488923	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.08	65	253384	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.10	84	1072841	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.12	67	343258	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	953521	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.66	79	133342	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.13	63	604109	45.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.56%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	235872	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	318660	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

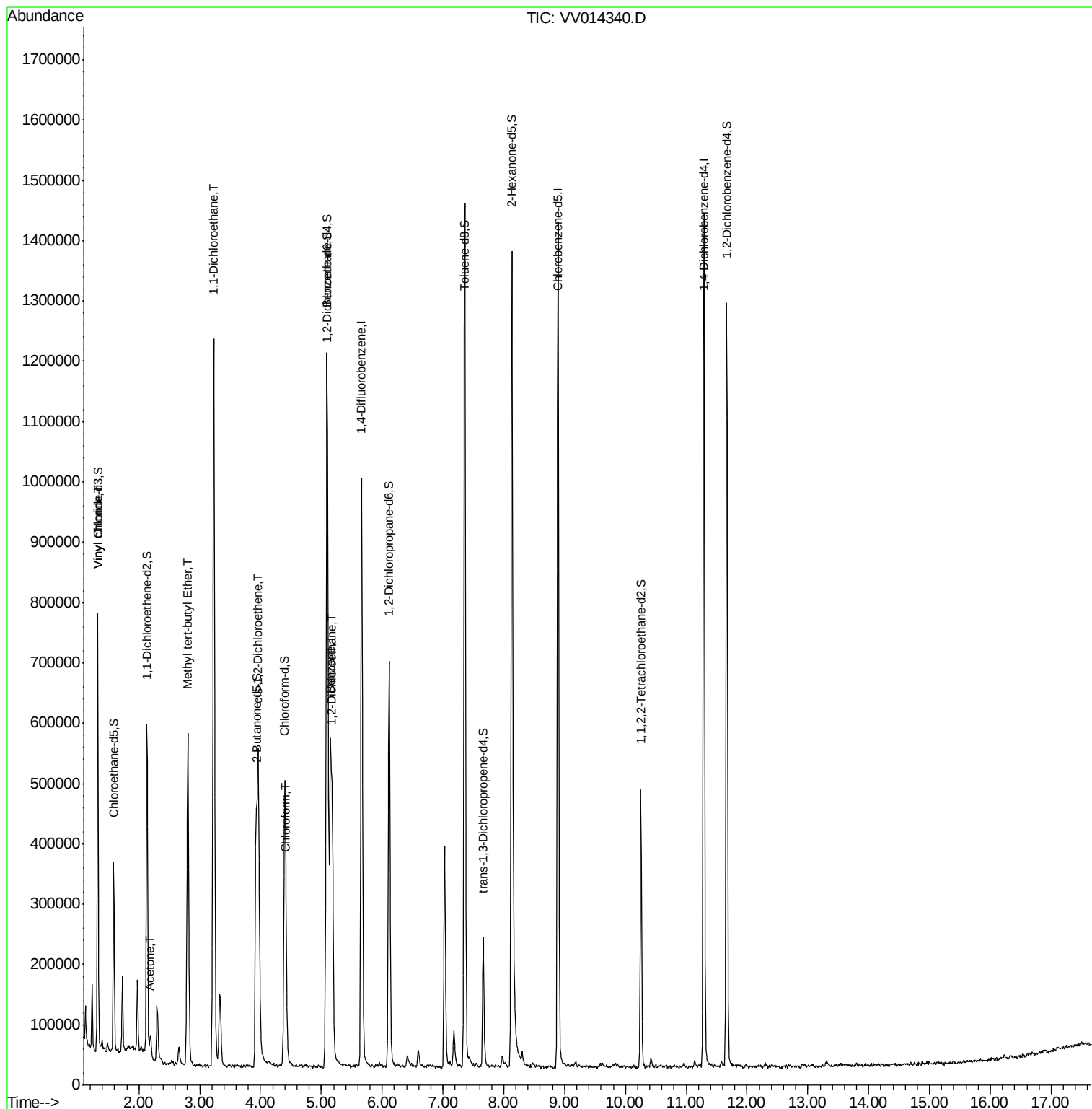
					Ovalue
5) Vinyl chloride	1.33	62	208581	3.638	ug/L 99
13) Acetone	2.19	43	23726	2.502	ug/L 97
17) Methyl tert-butyl Ether	2.80	73	564739	4.169	ug/L 99
19) 1,1-Dichloroethane	3.23	63	1268790	11.765	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	242545	4.021	ug/L 95
25) Chloroform	4.43	83	43151	0.418	ug/L 100
27) 1,2-Dichloroethane	5.18	62	363251	5.881	ug/L 95
33) Benzene	5.15	78	513147	2.188	ug/L 100

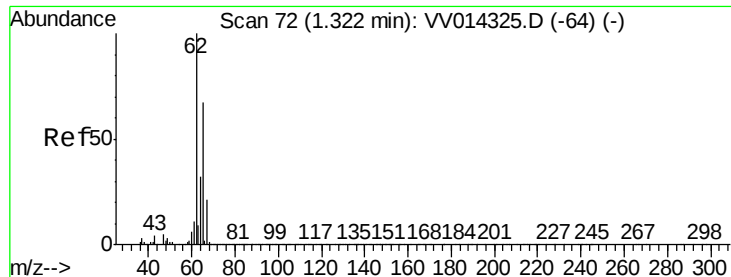
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.638 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VV014340.D

Acq: 17 Jan 2020 16:00

Instrument :

MSVOA_V

ClientSampleId :

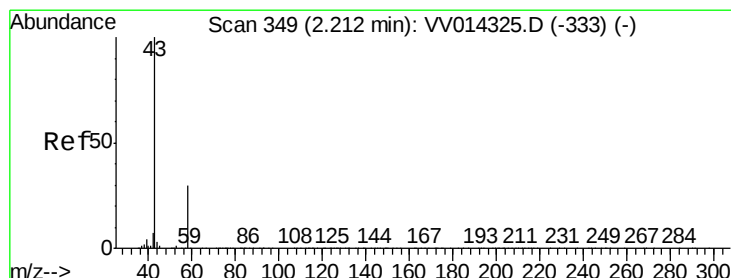
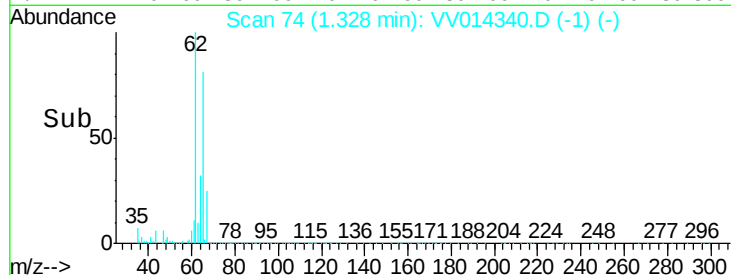
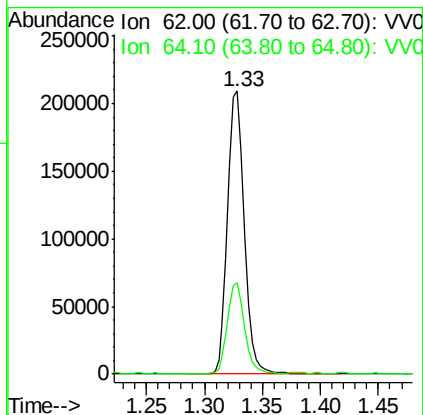
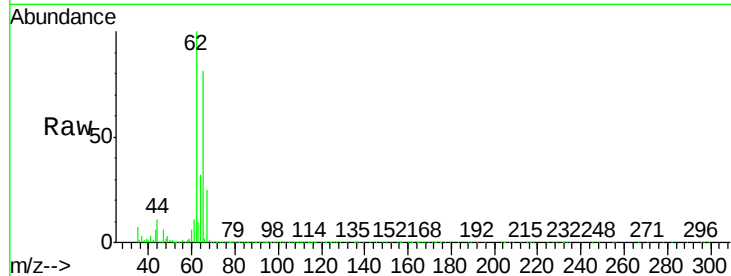
BF771

Tot Ion: 62 Resp: 208581

Ion Ratio Lower Upper

62 100

64 32.2 23.0 42.6



#13

Acetone

Concen: 2.502 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV014340.D

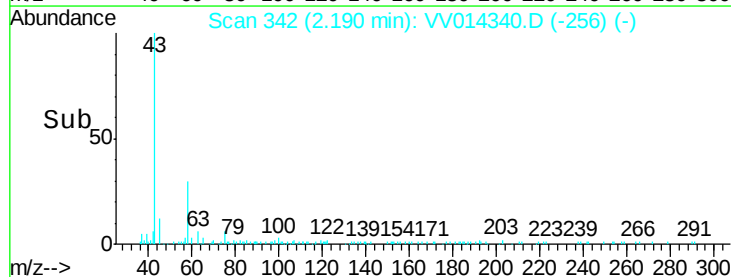
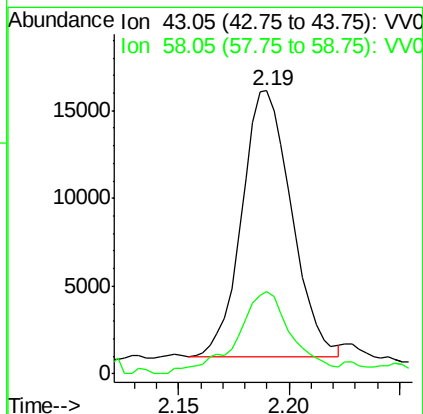
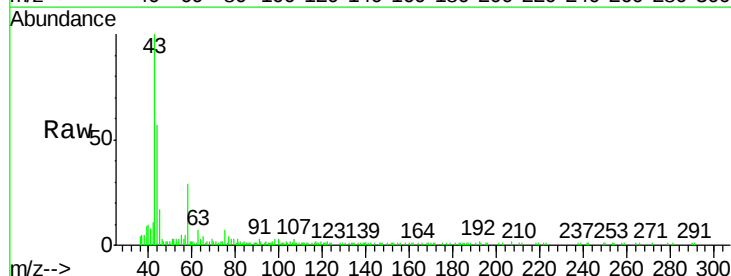
Acq: 17 Jan 2020 16:00

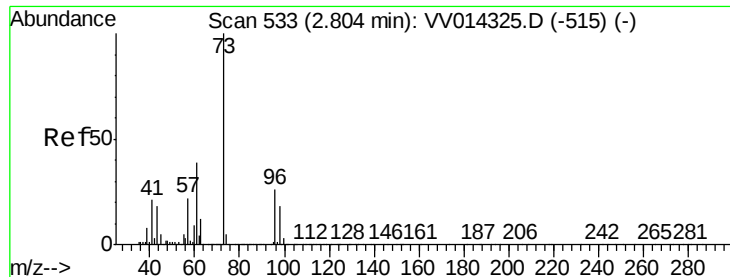
Tgt Ion: 43 Resp: 23726

Ion Ratio Lower Upper

43 100

58 34.5 0.0 66.0

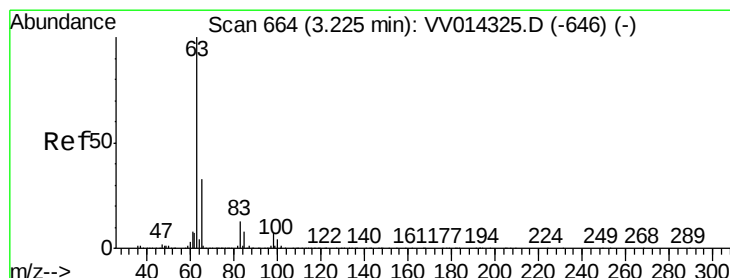
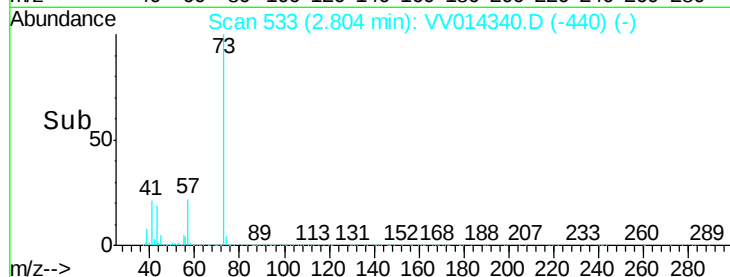
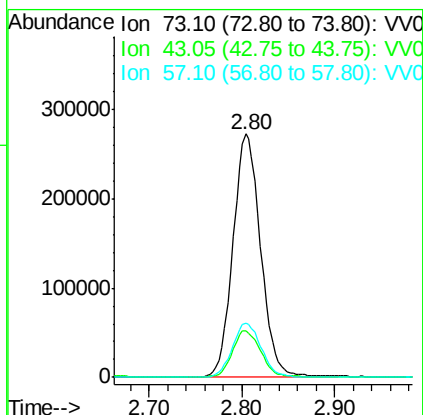
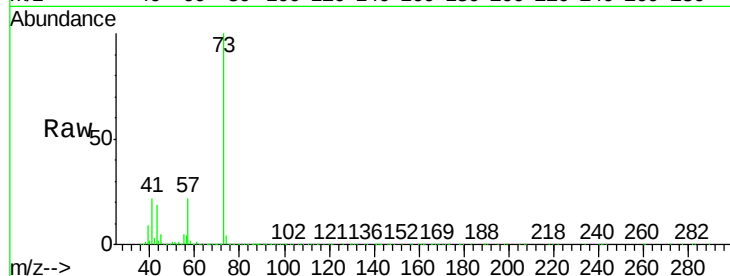




#17
Methvl tert-butvl Ether
Concen: 4.169 ug/L
RT: 2.80 min Scan# 533
Delta R.T. 0.00 min
Lab File: VV014340.D
Acq: 17 Jan 2020 16:00

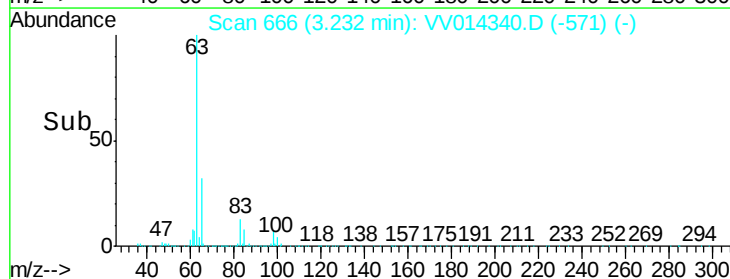
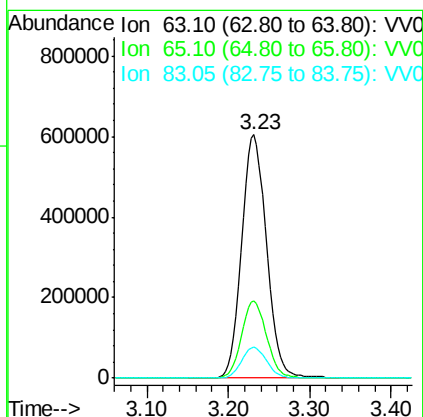
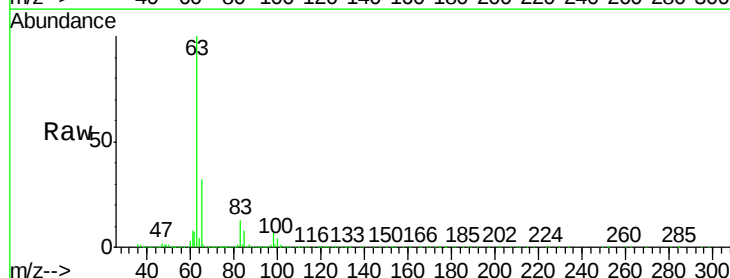
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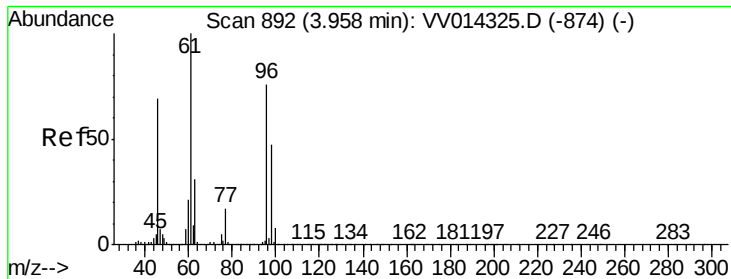
Tot Ion: 73 Resp: 564739
Ion Ratio Lower Upper
73 100
43 19.2 14.7 22.1
57 22.8 17.9 26.9



#19
1,1-Dichloroethane
Concen: 11.765 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.01 min
Lab File: VV014340.D
Acq: 17 Jan 2020 16:00

Tgt Ion: 63 Resp: 1268790
Ion Ratio Lower Upper
63 100
65 31.9 22.7 42.3
83 12.7 10.0 18.6





#22

cis-1,2-Dichloroethene

Concen: 4.021 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

Lab File: VV014340.D

Acq: 17 Jan 2020 16:00

Instrument :

MSVOA_V

ClientSampled :

BF771

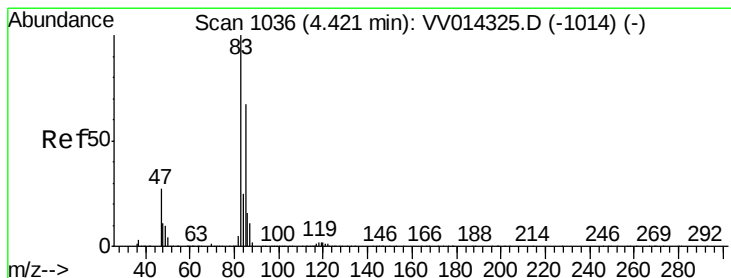
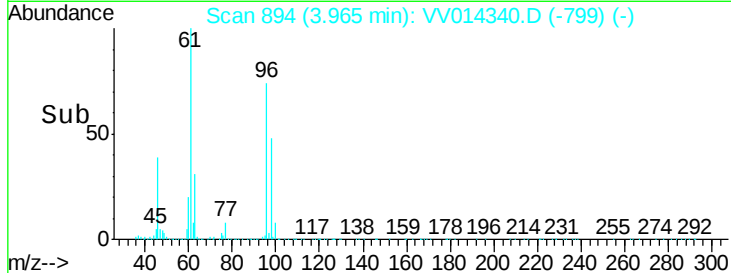
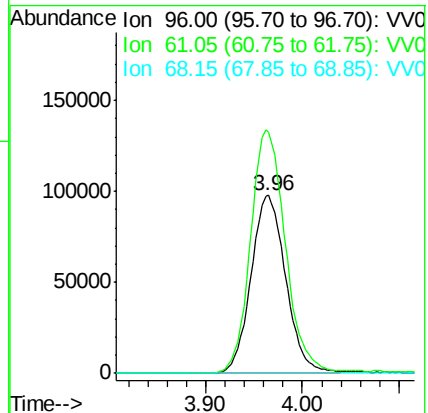
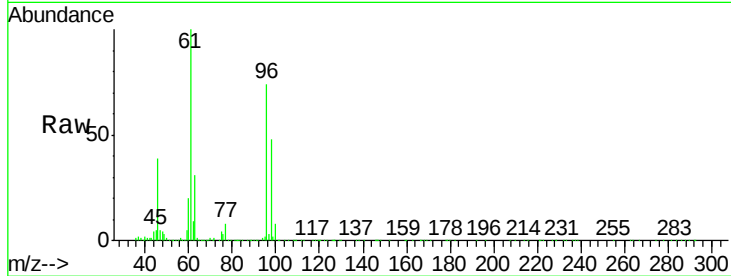
Tot Ion: 96 Resp: 242545

Ion Ratio Lower Upper

96 100

61 135.5 90.6 168.3

68 0.5 0.3 0.7



#25

Chloroform

Concen: 0.418 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV014340.D

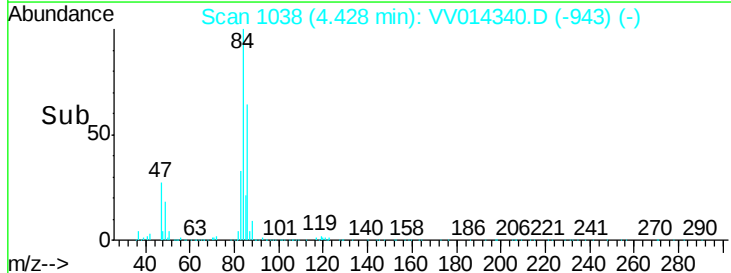
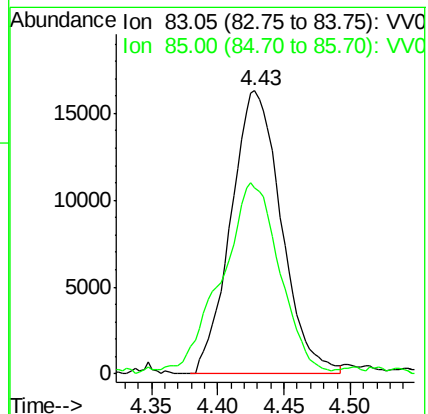
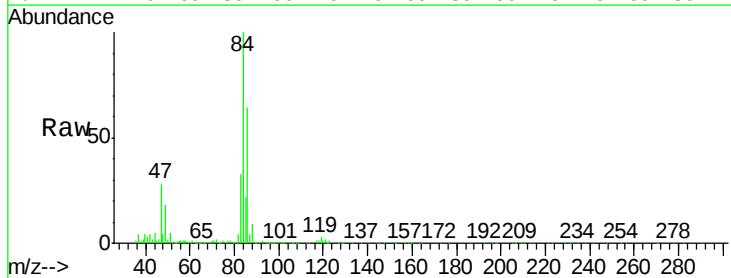
Acq: 17 Jan 2020 16:00

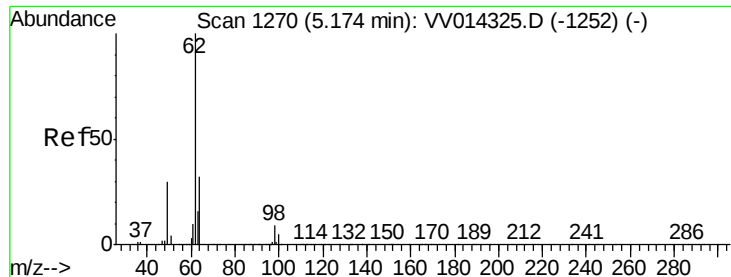
Tgt Ion: 83 Resp: 43151

Ion Ratio Lower Upper

83 100

85 65.8 46.2 85.8





#27

1,2-Dichloroethane

Concen: 5.881 ug/L

RT: 5.18 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VV014340.D

Acq: 17 Jan 2020 16:00

Instrument :

MSVOA_V

ClientSampleId :

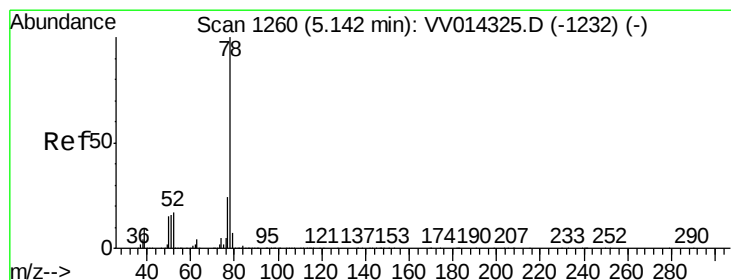
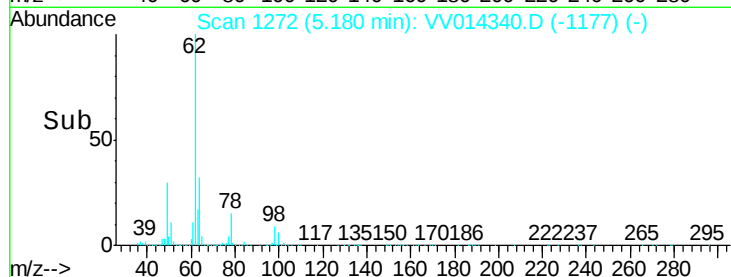
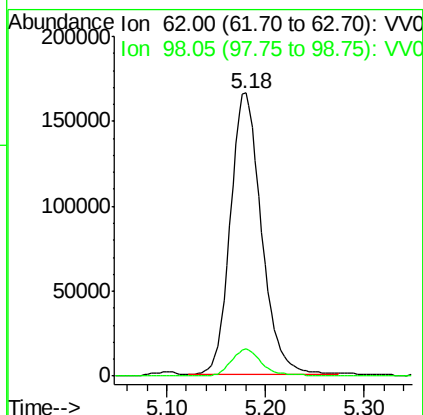
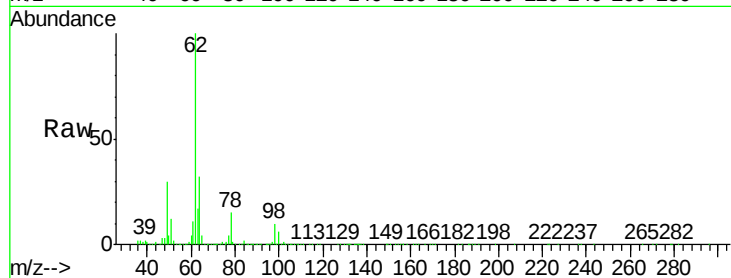
BF771

Tot Ion: 62 Resp: 363251

Ion Ratio Lower Upper

62 100

98 9.6 9.2 13.8



#33

Benzene

Concen: 2.188 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VV014340.D

Acq: 17 Jan 2020 16:00

Tgt Ion: 78 Resp: 513147

